

Owen Charles Allen

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OBJECTIVE

To continue my interest in sensors, control, and mechanical design in the field of engineering and pursue my goal of working with automation and robotics.

EDUCATION

Bachelor of Science in Mechanical Engineering Spring 10'
Minor in Electrical Engineering
University of Florida, Gainesville, FL
Cumulative GPA 3.22/4.00
Upper Division GPA 3.56/4.00

SKILLS

Solid Works, Pro/ENGINEER, Autodesk Inventor, Altera Quartus, NI LabVIEW
Knee Mill, Rapid Prototyper, FPGA, CPLD, Microcontroller
C, C++, VHDL, Assembly

EXPERIENCE

- Member**, AUVSI & ONR 11th International AUV Competition Summer 08' – Present
- Revised and manufactured key mechanical components
 - Designed parts around an existing autonomous platform
 - Ran rapid prototyper and machined parts
- Member**, AUVSI UGV Competition Summer 08' – Present
- Revamped existing power train
 - Designed interface to servo motors
 - Milled and Lathed Components
- Co-Leader**, IEEE SoutheastCon 2009 Hardware Competition Fall 08' – March 09'
- Mechanical modeling of design
 - Machining of parts
 - Issuing parts to be made
- Member**, IEEE SoutheastCon 2008 Hardware Competition Fall 07' – Spring 08'
- Contributed to overall system design and construction
 - Designed and built drive train

AWARDS

- National SMART Grant Fall 08' – Present
- Florida Academic Scholars Award Fall 08' – Present
Fall 05' – Spring 06'

ACTIVITIES

Machine Intelligence Lab at UF
Center for Intelligent Machines and Robotics at UF
Scuba Diving
Sky Diving